

FIG. 1A

Compound Number	Structure	Physical Data <sup>1</sup> H NMR 400 MHz (DMSO-d <sub>6</sub> ) and/or MS (m/z)
1		<sup>1</sup> H NMR (CCl <sub>3</sub> D): δ 7.89 (br, 1H), 7.52 (br, 1H), 7.35 (m, 1H), 6.82 (m, 1H), 4.12 (t, 2H), 2.72 (m, 1H), 2.16 (m, 1H), 2.04 (m, 1H), 1.25 (m, 3H). MS: m/z 310 [M+1] <sup>+</sup> .
2		<sup>1</sup> H NMR (500 MHz, CDCl <sub>3</sub> ) δ 7.73 (s, 1H), 4.16 (dd, J = 2.6 Hz, 9.2 Hz, 1H), 6.93 (dt, J = 2.6 Hz, 8.6 Hz, 1H), 6.84 (dd, J = 4.4 Hz, 8.6 Hz, 1H), 4.98-5.07 (m, 1H), 2.69 (t, J = 8.1 Hz, 1H), 2.12 (dd, J = 4.4 Hz, 7.3 Hz, 1H), 2.02 (dd, J = 4.4 Hz, 8.8 Hz, 1H), 1.26 (d, J = 6.2 Hz, 3H), 1.12 (d, J = 6.2 Hz, 3H). MS m/z 264.1 (M + 1).
3		<sup>1</sup> H NMR (500 MHz, CDCl <sub>3</sub> ) δ 8.05 (br, 1H), 7.51 (s, 1H), 7.34 (d, J = 8.2 Hz, 1H), 6.81 (d, J = 8.2 Hz, 1H), 5.00-5.08 (m, 2H), 2.69 (t, J = 8.2 Hz, 1H), 2.14 (dd, J = 4.7 Hz, 7.6 Hz, 1H), 2.02 (dd, J = 4.4 Hz, 8.5 Hz, 1H), 1.58 (s, 1H), 1.27 (d, J = 6.2 Hz, 3H), 1.14 (J = 6.2 Hz, 3H). MS m/z 324 (M + 1).
4		MS m/z 257.2 (M + 1).
5		<sup>1</sup> H NMR (500 MHz, CDCl <sub>3</sub> ) δ 9.00 (s, 1H), 7.34 (d, J = 7.7 Hz, 1H), 7.23 (t, J = 7.8 Hz, 1H), 6.96-7.02 (m, 2H), 4.07-4.22 (m, 2H), 2.72 (d, J = 7.3 Hz, 1H), 2.16 (dd, J = 4.4 Hz, 7.3 Hz, 1H), 2.03 (dd, J = 4.4 Hz, 8.8 Hz, 1H), 1.21 (t, J = 7.3 Hz, 3H). MS m/z 232.1 (M + 1).

FIG. 1B

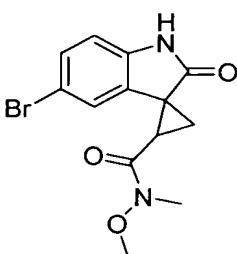
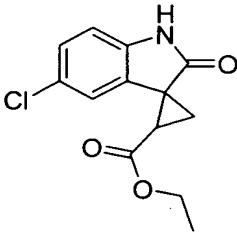
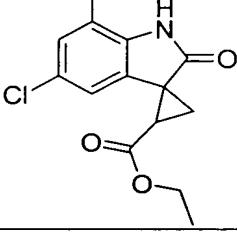
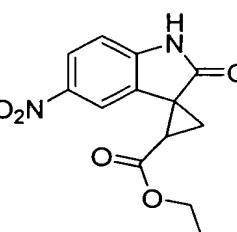
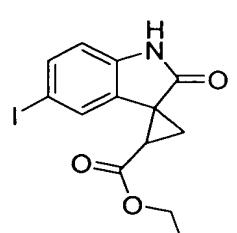
Compound Number	Structure	Physical Data $^1\text{H}$ NMR 400 MHz (DMSO- $d_6$ ) and/or MS (m/z)
6		MS m/z 325.0 (M + 1).
7		MS m/z 266.1 (M + 1).
8		MS m/z 280.1 (M + 1).
9		MS m/z 277.1 (M + 1).
10		MS m/z 358.0 (M + 1).

FIG. 1C

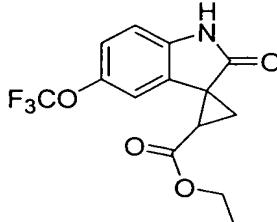
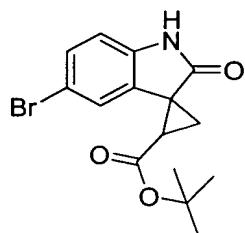
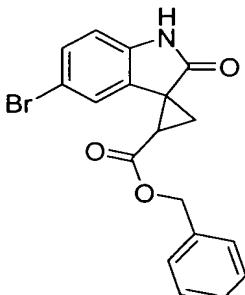
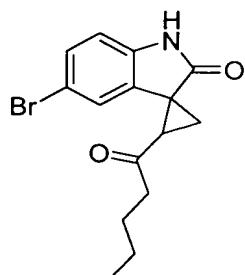
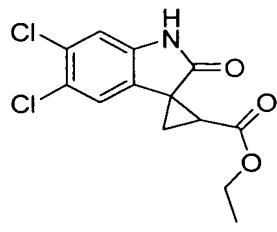
Compound Number	Structure	Physical Data <sup>1</sup> H NMR 400 MHz (DMSO-d <sub>6</sub> ) and/or MS (m/z)
11		MS m/z 316.1 (M + 1).
12		MS m/z 338.1 (M + 1).
13		MS m/z 372.0 (M + 1).
14		MS m/z 322.0 (M + 1).
15		MS m/z 300.0 (M + 1).

FIG. 1D

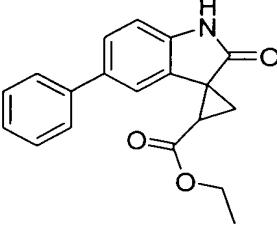
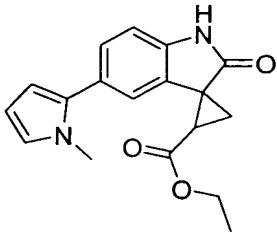
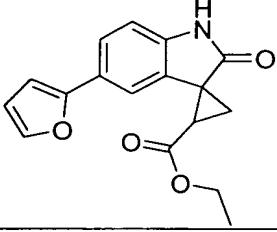
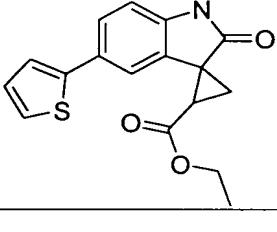
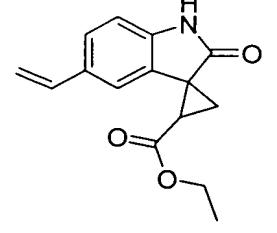
Compound Number	Structure	Physical Data $^1\text{H}$ NMR 400 MHz (DMSO- $d_6$ ) and/or MS (m/z)
16		MS m/z 308.2 (M + 1).
17		MS m/z 311.2 (M + 1).
18		MS m/z 298.2 (M + 1).
19		MS m/z 314.1 (M + 1).
20		MS m/z 258.1 (M + 1).

FIG. 1E

Compound Number	Structure	Physical Data $^1\text{H}$ NMR 400 MHz (DMSO- $d_6$ ) and/or MS (m/z)
21		MS m/z 246.1 (M + 1).
22		MS m/z 238.1 (M + 1).
23		MS: m/z 337 [M+1]+.
24		MS m/z 352.1 (M + 1).
25		MS m/z 349.1 (M + 1).

FIG. 1F

Compound Number	Structure	Physical Data $^1\text{H}$ NMR 400 MHz (DMSO- $d_6$ ) and/or MS (m/z)
26		MS m/z 335.0 (M + 1).
27		MS m/z 309.0 (M + 1).
28		MS m/z 321.0 (M + 1).
29		MS m/z 335.0 (M + 1).
30		MS m/z 353.0 (M + 1).

FIG. 1G

Compound Number	Structure	Physical Data $^1\text{H}$ NMR 400 MHz (DMSO- $d_6$ ) and/or MS (m/z)
31		MS m/z 348.0 (M + 1).
32		MS m/z 323.0 (M + 1).
33		$^1\text{H}$ NMR (DMSO-d6): $\delta$ 8.76 (s, 1H), 8.64 (m, 1H), 7.62 (m, 1H), 7.25 (m, 1H), 7.20 (m, 1H), 7.05 (m, 1H), 6.82 (d, 1H), 6.79 (d, 1H), 3.36 (t, 1H), 2.65 (m, 1H), 2.25 (m, 1H). MS: m/z 271 [M+1]+.
34		$^1\text{H}$ NMR (CDCl3): $\delta$ 8.52 (s, 1H), 7.27 (m, 1H), 7.04 (br, 1H), 6.80 (m, 1H), 4.34 (s, 3H), 3.35 (t, 1H), 2.48 (m, 1H), 2.05 (m, 1H). MS m/z 320 [M+1]+.

FIG. 1H

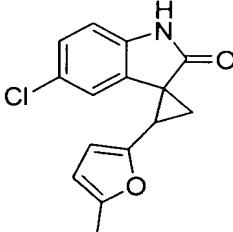
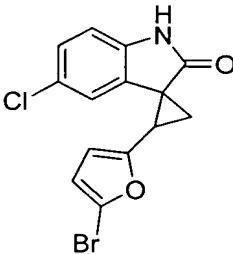
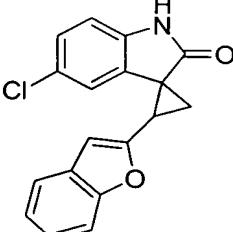
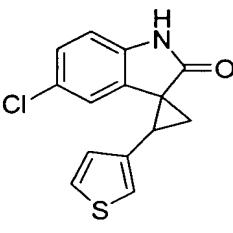
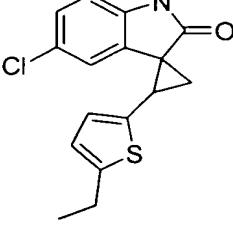
Compound Number	Structure	Physical Data $^1\text{H}$ NMR 400 MHz (DMSO- $d_6$ ) and/or MS (m/z)
35		MS m/z 273.9 (M + 1).
36		MS m/z 337.8 (M + 1).
37		MS m/z 309.9 (M + 1).
38		MS m/z 275.9 (M + 1).
39		MS m/z 304.1 (M + 1).

FIG. 1I

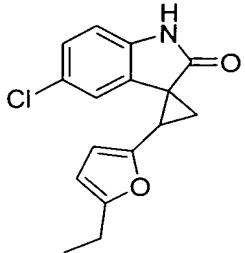
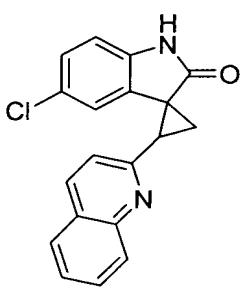
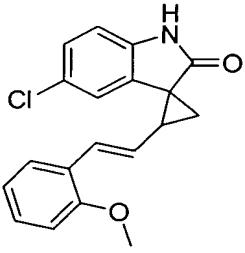
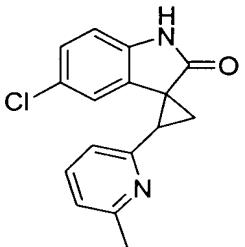
Compound Number	Structure	Physical Data $^1\text{H}$ NMR 400 MHz (DMSO- $d_6$ ) and/or MS (m/z)
40		MS m/z 288.1 (M + 1).
41		MS m/z 321.1 (M + 1).
42		MS m/z 326.1 (M + 1).
43		MS m/z 285.1 (M + 1).

FIG. 1J

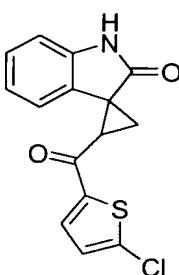
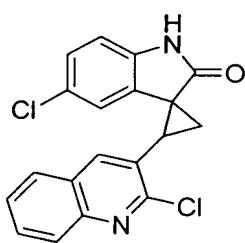
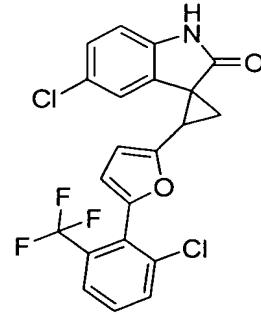
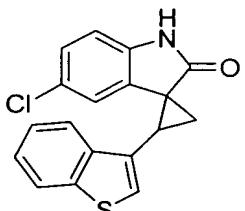
Compound Number	Structure	Physical Data <sup>1</sup> H NMR 400 MHz (DMSO-d <sub>6</sub> ) and/or MS (m/z)
44		MS m/z 304.0 (M + 1).
45		MS m/z 355.0 (M + 1).
46		MS m/z 438.3 (M + 1).
47		MS m/z 326.3 (M + 1).

FIG. 1K

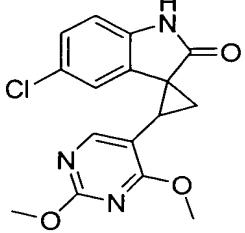
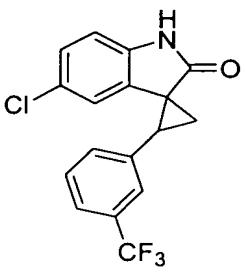
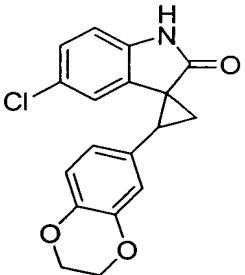
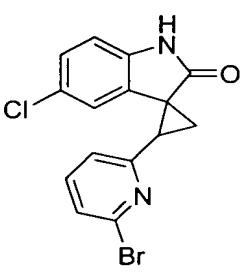
Compound Number	Structure	Physical Data $^1\text{H}$ NMR 400 MHz (DMSO- $d_6$ ) and/or MS (m/z)
48		MS m/z 332.3 (M + 1).
49		MS m/z 338.4 (M + 1).
50		MS m/z 328.4 (M + 1).
51		MS m/z 351.3 (M + 1).

FIG. 1L

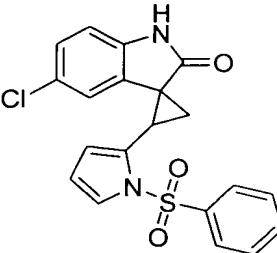
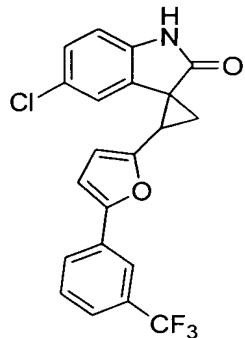
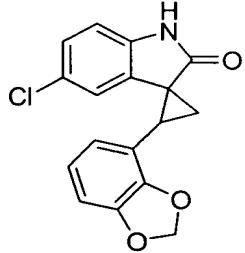
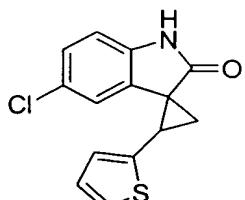
Compound Number	Structure	Physical Data <sup>1</sup> H NMR 400 MHz (DMSO- <i>d</i> <sub>6</sub> ) and/or MS (m/z)
52		MS m/z 399.3 (M + 1).
53		MS m/z 404.3 (M + 1).
54		MS m/z 314.4 (M + 1).
55		MS m/z 276.1 (M + 1).

FIG. 1M

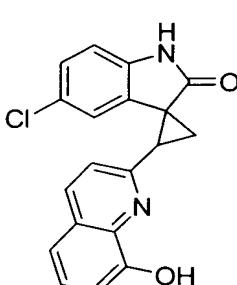
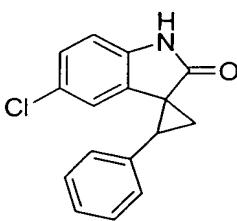
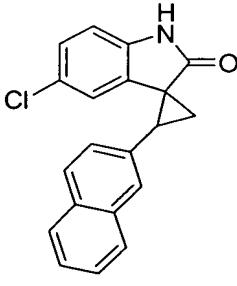
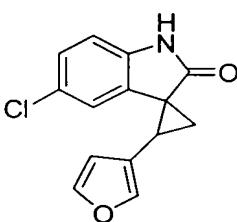
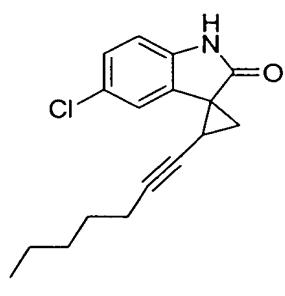
Compound Number	Structure	Physical Data <sup>1</sup> H NMR 400 MHz (DMSO-d <sub>6</sub> ) and/or MS (m/z)
56		MS m/z 337.1 (M + 1).
57		<sup>1</sup> H NMR (DMSO-d <sub>6</sub> ): δ 8.01 (s, 1H), 7.28 (m, 3H), 7.18 (m, 2H), 7.05 (m, 1H), 6.82 (d, 1H), 5.88 (d, 1H), 3.38 (t, 1H), 2.24 (m, 1H), 2.03 (m, 1H); MS m/z 270.3 (M + 1).
58		<sup>1</sup> H NMR (DMSO-d <sub>6</sub> ): δ 8.58 (s, 1H), 7.81 (m, 2H), 7.75 (m, 2H), 7.48(m, 2H), 7.19(d, 1H), 7.03 (d, 1H), 6.85 (d, 1H), 5.94 (s, 1H), 3.55 (t, 1H), 2.33 (m, 1H), 2.05 (m, 1H); MS m/z 270.3 (M + 1).
59		MS m/z 260.3 (M + 1).
60		MS m/z 288.3 (M + 1).

FIG. 1N

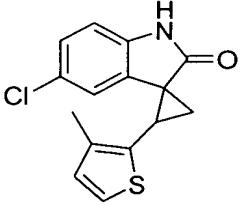
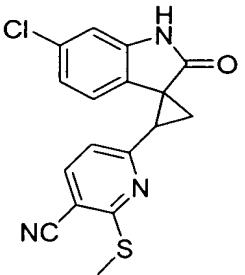
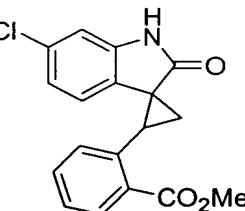
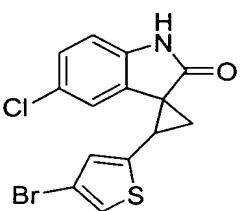
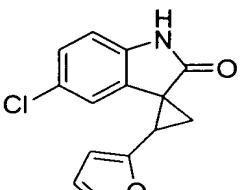
Compound Number	Structure	Physical Data <sup>1</sup> H NMR 400 MHz (DMSO- <i>d</i> <sub>6</sub> ) and/or MS (m/z)
61		MS m/z 290.3 (M + 1).
62		MS m/z 342.3 (M + 1).
63		MS m/z 328.3 (M + 1).
64		MS m/z 354.2 (M + 1).
65		MS m/z 260.3 (M + 1).

FIG. 1O

Compound Number	Structure	Physical Data $^1\text{H}$ NMR 400 MHz (DMSO- $d_6$ ) and/or MS (m/z)
66		MS m/z 339.3 (M + 1).
67		MS m/z 354.2 (M + 1).
68		MS m/z 321.3 (M + 1).
69		$^1\text{H}$ NMR (DMSO-d <sub>6</sub> ): $\delta$ 10.61 (s, 1H), 8.16 (s, 1H), 6.93 (d, 1H), 6.68 (d, 1H), 5.71 (d, 1H), 3.42 (s, 3H), 2.95 (t, 1H), 2.36 (m, 1H), 2.04 (s, 3H), 1.84 (m, 1H), 1.60 (s, 3H); MS m/z 329.4 (M + 1).
70		$^1\text{H}$ NMR (CDCl <sub>3</sub> -d): $\delta$ 8.56 (s, 1H), 7.59 (br, 1H), 7.12 (d, 1H), 6.84 (d, 1H), 6.38 (d, 1H), 3.52 (t, 1H), 2.76 (m, 1H), 2.32 (m, 4H), 2.02 (s, 3H); MS m/z 344.3 (M + 1).

FIG. 1P

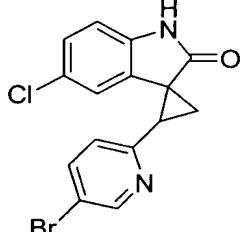
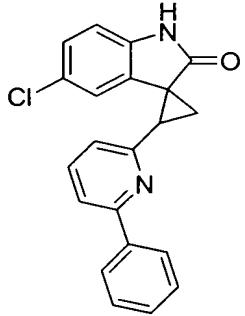
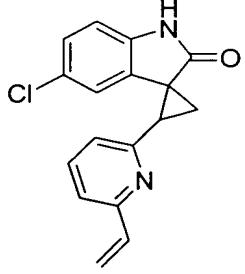
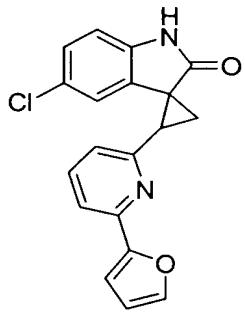
Compound Number	Structure	Physical Data <sup>1</sup> H NMR 400 MHz (DMSO-d <sub>6</sub> ) and/or MS (m/z)
71		<sup>1</sup> H NMR (DMSO-d <sub>6</sub> ): δ 10.08 (s, 1H), 8.75 (d, 1H), 8.00 (m, 1H), 7.51(d, 1H), 7.12(m, 1H), 6.86 (d, 1H), 6.72 (d, 1H), 3.19 (t, 1H), 2.56 (m, 1H), 2.04 (m, 1H); MS m/z 349.2 (M + 1).
72		<sup>1</sup> H NMR (CDCl <sub>3</sub> ): δ 8.28 (m, 2H), 8.06 (s, 1H), 7.64 (m, 2H), 7.51 (m, 2H), 7.40 (m, 1H), 7.18 (m, 1H), 7.02 (m, 2H), 6.75 (d, 1H), 3.48 (1H), 2.86 (m, 1H), 2.29 (m, 1H). MS: m/z 347 [M+1] <sup>+</sup> .
73		<sup>1</sup> H NMR (CDCl <sub>3</sub> -d): δ 7.85 (s, 1H), 7.51(t, 1H), 7.23 (d, 1H), 7.11 (d, 1H), 7.09 (d, 1H), 7.04 (m, 1H), 6.81(t, 1H), 6.74 (d, 1H), 6.15 (d, 1H), 5.46(d, 1H), 3.25 (t, 1H), 2.63 (m, 1H), 2.23 (m, 1H) ; MS m/z 297.3 (M + 1).
74		MS m/z 337.3 (M + 1).

FIG. 1Q

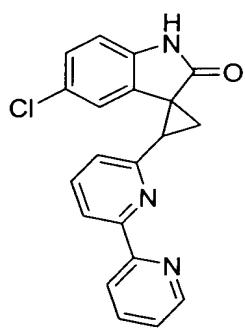
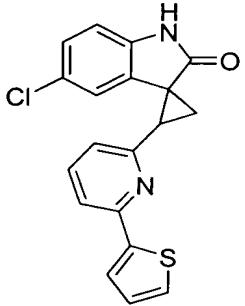
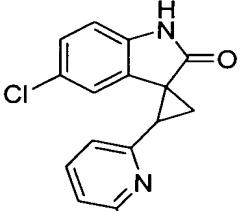
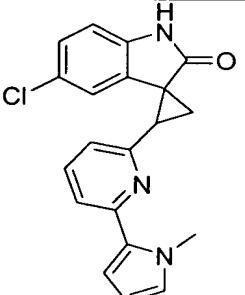
Compound Number	Structure	Physical Data <sup>1</sup> H NMR 400 MHz (DMSO-d <sub>6</sub> ) and/or MS (m/z)
75		<sup>1</sup> H NMR (CDCl <sub>3</sub> -d): δ 8.92 (d, 1H), 8.74 (d, 1H), 8.54 (d, 1H), 8.16 (s, 1H), 8.10 (m, 1H), 7.94 (t, 1H), 7.56 (m, 1H), 7.47 (m, 2H), 7.22 (m, 1H), 6.97 (d, 1H), 3.59 (t, 1H), 3.05 (m, 1H), 2.53 (m, 1H); MS m/z 348.3 (M + 1).
76		<sup>1</sup> H NMR (CDCl <sub>3</sub> -d): δ 7.83 (d, 1H), 7.70-7.82 (m, 3H), 7.65 (d, 1H), 7.51 (br, 1H), 7.36 (t, 1H), 7.30 (d, 1H), 7.23 (dd, 1H), 6.95 (d, 1H), 3.48 (t, 1H), 3.05 (m, 1H), 2.49 (m, 1H); MS m/z 353.3 (M + 1).
77		<sup>1</sup> H NMR (CDCl <sub>3</sub> -d): δ 7.85 (s, 1H), 7.51 (t, 1H), 7.23 (d, 1H), 7.11 (d, 1H), 7.09 (d, 1H), 7.04 (m, 1H), 6.74 (d, 1H), 3.25 (t, 1H), 2.64 (m, 1H), 2.23 (m, 1H), 2.11 (s, 3H); MS m/z 309.3 (M + 1).
78		<sup>1</sup> H NMR (CDCl <sub>3</sub> -d): δ 7.50 (s, 1H), 7.48 (t, 1H), 7.36 (d, 1H), 6.95 (m, 2H), 6.70 (m, 2H), 6.53 (m, 2H), 6.13 (m, 1H), 3.89 (s, 3H), 3.31 (t, 1H), 2.52 (m, 1H), 2.19 (m, 1H); MS m/z 350.3 (M + 1).

FIG. 1R

Compound Number	Structure	Physical Data <sup>1</sup> H NMR 400 MHz (DMSO-d <sub>6</sub> ) and/or MS (m/z)
79		<sup>1</sup> H NMR (CDCl <sub>3</sub> -d): δ 8.29 (s, 1H), 7.36 (dd, 1H), 7.28 (m, 2H), 7.21 (m, 3H), 7.14 (d, 1H), 6.87 (d, 1H), 3.00 (d, 2H), 2.27 (m, 1H), 2.11 (m, 1H), 1.48 (m, 1H); MS m/z 328.3 (M + 1).
80		<sup>1</sup> H NMR (CDCl <sub>3</sub> -d): δ 7.72 (s, 1H), 7.37 (m, 1H), 7.09-7.23 (m, 5H), 7.03 (d, 1H), 6.85(d, 1H), 3.22 (t, 1H), 2.15-2.25 (m, 2H), MS m/z 346.2 (M + 1).
81		<sup>1</sup> H NMR (CDCl <sub>3</sub> -d): δ 8.24 (s, 1H), 7.42 (d, 1H), 7.09 (d, 1H), 6.78(d, 1H), 4.08 (m, 2H), 2.46 (m, 1H), 2.04 (m, 3H), 1.81 (m, 1H), 1.41 (m, 1H), 1.18 (m, 6H); MS m/z 352.3 (M + 1).
82		<sup>1</sup> H NMR (CDCl <sub>3</sub> -d): δ 7.62 (s, 1H), 7.26-7.37 (m, 4H), 7.12 (br, 1H), 6.97 (t, 1H), 6.88 (d, 1H), 6.81 (d, 1H), 4.24 (m, 2H), 2.46 (m, 1H), 2.03 (m, 1H), 1.69 (m, 1H); MS m/z 344.3 (M + 1).

FIG. 1S

Compound Number	Structure	Physical Data <sup>1</sup> H NMR 400 MHz (DMSO-d <sub>6</sub> ) and/or MS (m/z)
83		<sup>1</sup> H NMR (500 MHz, CDCl <sub>3</sub> ): δ 7.83 (br, 1H), 7.76 (s, 1H), 7.33 (d, J = 8.2 Hz, 1H), 6.78 (d, J = 8.2 Hz, 1H), 4.15 (t, J = 7.3 Hz, 2H), 2.78 (s, 1H), 1.57 (s, 3H), 1.56 (s, 3H), 1.26 (t, J = 7.3 Hz, 3H). MS: m/z 338 [M+1] <sup>+</sup> .
84		<sup>1</sup> H NMR (500 MHz, CDCl <sub>3</sub> ) δ 7.60 (d, J = 7.7 Hz, 1H), 7.21 (t, J = 7.7 Hz, 1H), 7.02 (t, J = 7.7 Hz, 1H), 6.91 (d, J = 8.8 Hz, 1H), 4.08-4.18 (m, 2H), 2.79 (s, 1H), 1.59 (s, 3H), 1.58 (s, 3H), 1.24 (t, J = 7.3 Hz, 3H). MS m/z 260.1 (M + 1).
85		<sup>1</sup> H NMR (500 MHz, CDCl <sub>3</sub> ) δ 7.76 (s, 1H), 7.68 (s, 1H), 7.33 (d, J = 8.2 Hz, 1H), 6.78 (d, J = 8.2 Hz, 1H), 4.14-4.16 (m, 2H), 2.81 (s, 1H), 2.37-2.42 (m, 1H), 2.04-2.15 (m, 2H), 1.87-1.93 (m, 1H), 1.70-1.78 (m, 2H), 1.59-1.66 (m, 2H), 1.25 (t, J = 7.3 Hz, 3H). MS m/z 364.0 (M + 1).
86		MS m/z 338.0 (M + 1).
87		MS m/z 294.1 (M + 1).

FIG. 1T

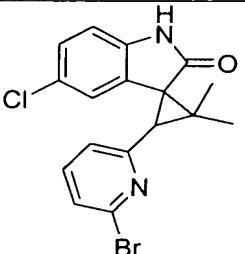
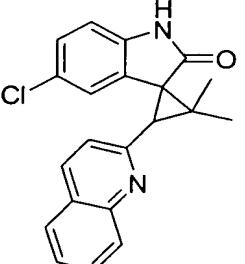
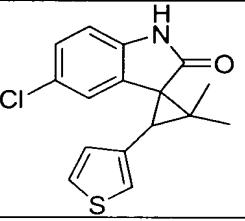
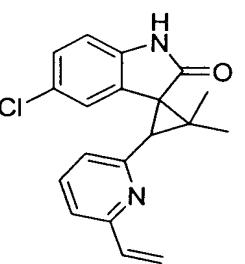
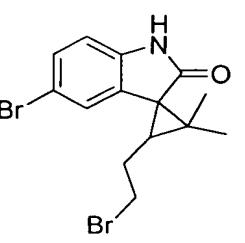
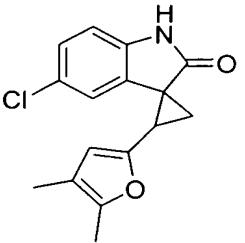
Compound Number	Structure	Physical Data <sup>1</sup> H NMR 400 MHz (DMSO-d <sub>6</sub> ) and/or MS (m/z)
88		<sup>1</sup> H NMR (DMSO-d <sub>6</sub> ): δ 10.59 (s, 1H), 7.55 (m, 1H), 7.40 (d, 1H), 7.22 (d, 1H), 7.03 (m, 1H), 6.70 (m, 2H), 3.01 (s, 1H), 1.42 (s, 3H), 1.24 (s, 3H); MS m/z 377.2 (M + 1).
89		<sup>1</sup> H NMR (CDCl <sub>3</sub> -d): δ 8.01 (m, 2H), 7.94 (br, 1H), 7.73 (m, 1H), 7.65 (m, 1H), 7.47 (m, 1H), 7.12 (d, 1H), 7.04 (m, 1H), 6.90 (d, 1H), 6.74 (d, 1H), 3.48 (s, 1H), 1.50 (s, 3H), 1.46 (s, 3H); MS m/z 349.4 (M + 1).
90		<sup>1</sup> H NMR (CDCl <sub>3</sub> -d): δ 9.40 (s, 1H), 7.24 (m, 1H), 7.13-7.17 (m, 2H), 7.02 (d, 1H), 6.92 (dd, 1H), 6.67 (d, 1H), 3.00 (s, 1H), 1.56 (d, 6H); MS m/z 304.3 (M + 1).
91		<sup>1</sup> H NMR (CDCl <sub>3</sub> -d): δ 8.49 (s, 1H), 7.38 (t, 1H), 7.21 (d, 1H), 7.09 (m, 1H), 6.93 (d, 1H), 6.81 (m, 2H), 6.71 (d, 1H), 6.16 (d, 1H), 5.48 (d, 1H), 3.40 (s, 1H), 1.70 (s, 3H), 1.62 (s, 3H); MS m/z 325.3 (M + 1).
92		MS m/z 374.2 (M + 1).

FIG. 1U

Compound Number	Structure	Physical Data $^1\text{H}$ NMR 400 MHz ( $\text{DMSO}-d_6$ ) and/or MS (m/z)
93		MS $m/z$ 288 ( $M + 1$ ).